

51807

Sheet 1 of 1

Substitute for form 1449/PTO, based on PTO/SB/08A and 08B		Application Number	10/531,357
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	September 22, 2005
		First Named Inventor	Green
		Art Unit	1638
		Examiner Name	Bui, Phuong T.
		Attorney Docket Number	38-05

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)

FOREIGN PATENT DOCUMENTS

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/PB/		WO 99/18118	04-15-1999	Washington State University Research Foundation		

NON-PATENT LITERATURE DOCUMENTS

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/PB/		DATABASE EMBL (2003) "Malus x domestica (E,E)- α -farnesene synthase (AFS1) mRNA, complete cds." EBI accession No. EMBL:AY182241	
		GREEN, S. et al. (2007) "Unusual features of a recombinant apple α -farnesene synthase"; Phytochemistry 68(2):176-188.	
		PECHOUS, S.W. et al. (2004) "Cloning and functional expression of an (E,E)- α -farnesene synthase cDNA from peel tissue of apple fruit"; Planta 219(1):84-94.	
↓		PHILLIPS, M.A. et al. (2003) "cDNA isolation, functional expression, and characterization of (+)- α -pinene synthase and (-)- α -pinene synthase from loblolly pine (<i>Pinus taeda</i>): Stereocontrol in pinene biosynthesis"; Archives of Biochemistry and Biophysics 411(2):267-276.	

Examiner Signature	/Phuong Bui/	Date Considered	07/14/2007
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9/19/05

Substitute for form 1449/PTO, based on PTO/SB/08A and 08B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Application Number	10/531,357
Filing Date	04/14/2005
First Named Inventor	Green et al.
Art Unit	1742
Examiner Name	Not assigned
Attorney Docket Number	38-05

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/PB/	1	6,008,043	12/28/1999	Croteau et al	
↓	2	5,487,983	01/30/1996	Kim et al.	
↓	3	5,264,558	11/23/1993	Kim et al.	

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/PB/	4	WO 00/17327	03/30/2000	Chappell et al.		
↓	5	WO 99/15624	04/01/1999	Croteau et al.		
↓	6	JP 2000245482	09/12/2000			

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/PB/	7	Altschul et al. (1997) "Gapped BLAST and PSI-BLAST: A New Generation of Protein Database Search Programs," <i>Nuc. Acids Res.</i> 25(17):3389-3402		
	8	Bengtsson et al. (2001) "Plant Odor Analysis of Apple: Antennal Response of Codling Moth Females to Apple Volatiles during Phenological Development," <i>J. Agric. Food Chem.</i> 49:3736-3741		
	9	Benfey et al. (1989) "Regulated Genes in Transgenic Plants," <i>Science</i> 244:174-181		
	10	Bohlmann et al. (1998) "Plant Terpenoid Synthases: Molecular Biology and Phylogenetic Analysis," <i>Proc. Natl. Acad. Sci. USA</i> 95:4126-4133		
	11	Cai et al. (2002) "A cDNA Clone for β-Caryophyllene Synthase from <i>Artemisia annua</i> ," <i>Phytochem.</i> 61:523-529		
	12	Cane et al. (1999) "Trichodiene Synthase: Mechanism-Based Inhibition of a Sesquiterpene Cyclase," <i>Bioorg. Med. Chem. Lett.</i> 9:1127-1132		
↓	13	Chen et al. (1996) "Cloning and heterologous expression of a second (+)-delta-cadinene synthase for <i>Gossypium arboreum</i> "; <i>J. Nat. Prod.</i> 59(10):944-951 (Abstract only)		

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		Filing Date	04/14/2005
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		Art Unit	1742
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/PB/	14	Croteau et al. (2000) <i>Biochemistry and Molecular Biology of Plants</i> , Buchanan et al. Eds., American Society for Plant Physiologists, pp.1250-1318	
	15	Davies (1990) "Gas Chromatographic Retention Indices of Monoterpenes and Sesquiterpenes on Methyl Silicone and Carbowax 20M Phases," <i>J. Chrom.</i> 503:1-24	
	16	Davis et al. (2000) "Cyclization Enzymes in the Biosynthesis of Monoterpenes, Sesquiterpenes, and Diterpenes," <i>Top. Curr. Chem.</i> 209:53-95	
	17	Dellaporta et al. (1983) "A Plant DNA Minipreparation: Version II," <i>Plant Mol. Biol. Reporter</i> 1(4):19-21	
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	19	Emanuelsson et al. (2000) "Predicting Subcellular Localization of Proteins Based on their N-terminal Amino Acid Sequence," <i>J. Mol. Biol.</i> 300:1005-1016	
	20	Fan et al. (1999) "Development of Apple Superficial Scald, Soft Scald, Core Flush, and Greasiness Is Reduced by MCP," <i>J. Agric. Food Chem.</i> 47:3063-3068	
	21	Fischbach (2001) "Putative Chloroplast Terpene Synthase," <i>Genbank</i> CAC41012	
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	23	Ju et al. (2000) "Lovastatin Inhibits α -Farnesene Biosynthesis and Scald Development in "Delicious" and "Granny Smith" Apples and "d'Anjou" Pears," <i>J. Am. Soc. Hortic. Sci.</i> 125(5):626-629	
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	25	Ju et al. (2001) "Lovastatin Inhibition of α -Farnesene Production in Ripening Apple: Precursor Feeding Studies," <i>J. Am. Soc. Hortic. Sci.</i> 126(4):491-495	
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	29	Langenkamper et al. (1998) "Sucrose-Phosphate Synthase Steady-State mRNA Increases in Ripening Kiwifruit," <i>Plant Mol. Biol.</i> 36:857-869	
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		First Named Inventor	Green et al.
		Art Unit	1742
		Examiner Name	Not assigned
		Attorney Docket Number	38-05

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/PB/		Lucker et al (2002) "Citrus limon" Genbank AF514288	
	32	Luehrsen (1991) "Intron Enhancement of Gene Expression and the Splicing Efficiency of Introns in Maize Cells," <i>Mol. Gen. Genet.</i> 225:81-93	
	33	Matich et al. (1996) "Solid Phase Microextraction for Quantitative Headspace Sampling of Apple Volatiles," <i>Anal. Chem.</i> 68:4114-4118	
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	35	Napoli et al. (1990) "Introduction of a Chimeric Chalcone Synthase Gene into Petunia Results in Reversible Co-Suppression of Homologous Genes in Trans," <i>Plant Cell</i> 2:279-290	
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	45	Shelton et al. (2003) "Putative Monoterpene Synthase," Genbank AAP40638	
	46	Steele et al. (1998) "Sesquiterpene Synthases from Grand Fir (<i>Abies grandis</i>)," <i>J. Biol. Chem.</i> 273(4):2078-2089	
	47	Trapp et al. (2001) "Genomic Organization of Plant Terpene Synthases and Molecular Evolutionary Implications," <i>Genetics</i> 158:811-832	
▼	48	Van Geldre et al. (2000) "Cloning and Molecular Analysis of Two New Sesquiterpene Cyclases from <i>Artemisia annua</i> L," <i>Plant. Sci.</i> 158:163-171	

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/PB/	49	Voinnet et al. (2003) "An Enhanced Transient Expression System in Plants Based on Suppression of Gene Silencing by the p19 Protein of Tomato Bushy Stunt Virus," <i>Plant J.</i> 33:949-956	
	50	Watkins et al. (1993) "Relationships Between Alpha-Farnase, Ethylene Production and Superficial Scald Development of Apples," <i>Acta. Hort.</i> 343:155-160	
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	52	Yang et al. (2002) "Geraniol Synthase," Genbank CAD29734	
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